

# Work Order ID 80574

**\*80574\***

Page 1

February-23-12 11:22:36 AM

Item ID: D2013-3 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: Mirror Bracket LH, 212  
Start Date: 23/02/2012 Start Qty: 6.00 **\*6\*** Cust Item ID:  
Required Date: 08/03/2012 Req'd Qty: 6.00 **\*6\*** Customer:  
Reference:

Approvals: Process Plan: MLJ Date: 12/02/12 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2013	Rev C								

100 0.00  
**\*100\*** NC BRAKE  
Brake NC Memo 0.00 SB 12/02/12  
Brake NC 1-Punch as per template D2013-T3 and Dwg D2013  
2-Flatten ends of D2013-3 tube as per Dwg D2013 using DT8545  
3-Bend (1) tube as per Dwg D2013 using Jig DT8201  
Identify as D2013-3.  
4-Deburr as required

110 0.00  
**\*110\*** QC5- Inspect part completeness to step on W/O  
QC Memo 0.00 8/2/13/07  
Quality Control

6 FF. 012-03-05

76  
-3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 80574

\*80574\*

Page 2

February-23-12 11:22:36 AM

Item ID: D2013-3 Accept \*N900040100\* Setup Start \*NS1\*  
Revision ID: Stop \*NS2\*  
Item Name: Mirror Bracket LH, 212  
Start Date: 23/02/2012 Start Qty: 6.00 \*6\* Cust Item ID:  
Required Date: 08/03/2012 Req'd Qty: 6.00 \*6\* Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Identify as per dwg & Stock Location: <u>W/A</u>	0.00							
*120*									
Packaging	Memo	0.00				6			12-03-07 JBL
Packaging									
130	QC21- Final Inspection - Work Order Release	0.00							
*130*									
QC	Memo	0.00							MLJ 12/03/07
Quality Control									

MLJ 12/03/07  
(6)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

February-23-12 11:22:43 AM

Page 1

Work Order ID: 80574

**\*80574\***

Parent Item: D2013-3

**\*D2013-3\***

Parent Item Name: Mirror Bracket LH, 212

Start Date: 23/02/2012

Required Date: 08/03/2012

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP Rev:A New Issue 05-11-01 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.750W.049		Purchased	No			100	f	131.8330	1.9473	12.29874			
<b>*M304TR0 750W 049*</b>									<b>**</b>			<i>SB 12/02/29</i>	
304 RD Tube .750 x .049W													

Location

Loc Qty

Loc Code

MAT017

131.833

109314

9.333

111619

3

112187

4

112800

11

114852

2.75

116108

3

117797

0.75

120441

98

*14*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

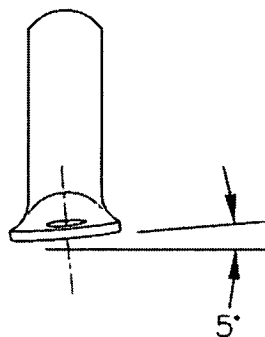
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

KE 99.06.10



CUT LENGTH: 23.25 INCHES

DRILL Ø0.257 (TYP) —  
0.400 (TYP)

R0.38 (REF)

8.50

38

35°

D2013-1 LH SHOWN  
D2013-2 RH OPPOSITE  
(FOR 205 MIRROR)

80574 MLJ  
12/04/83

# DART



DESIGN JB		DRAWING NO. D2013		REV. C
CHECKED <i>KE</i>		APPROVED <i>QD</i>		SHEET 1 OF 3
DATE 99.06.07		TITLE MIRROR BRACKET		SCALE NTS
A		90.10.22	NEW ISSUE	
B		94.06.15	REDRAWN	
C		99.06.07	REDRAWN, CHANGE OF DIMENSIONS	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

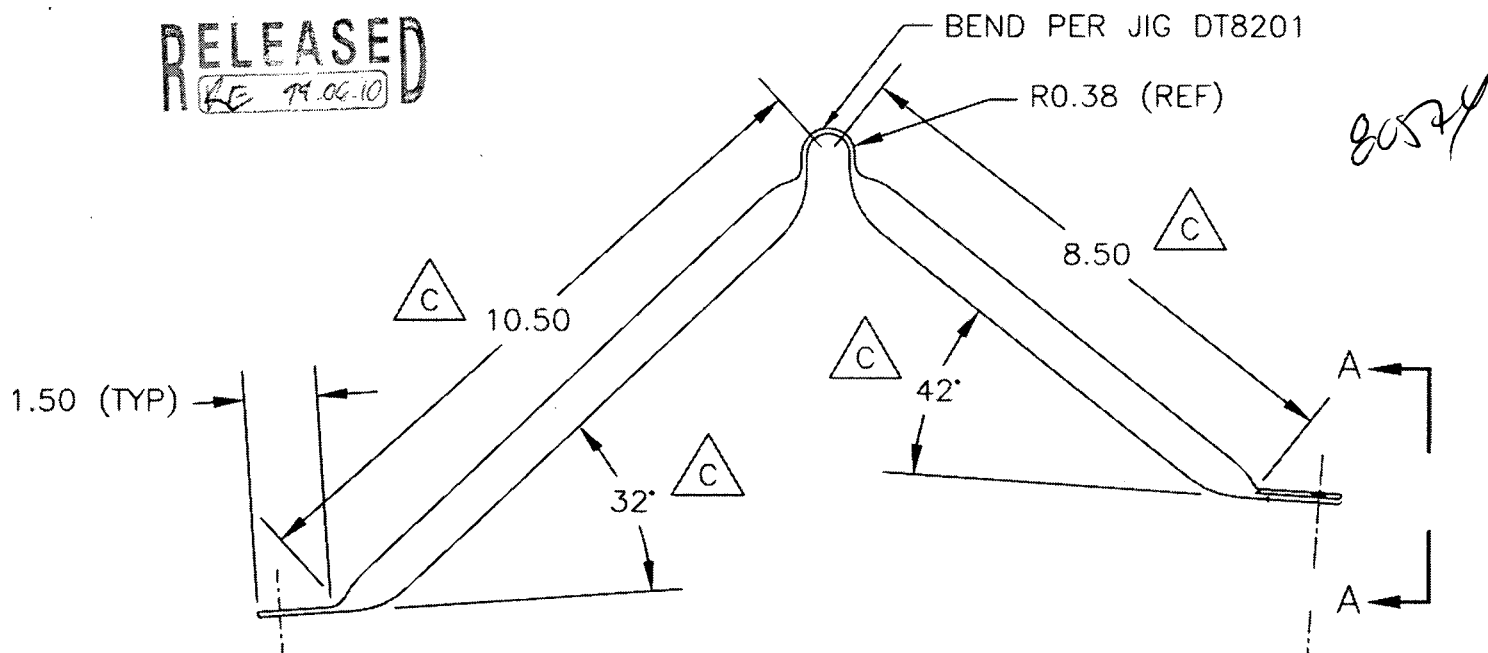
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

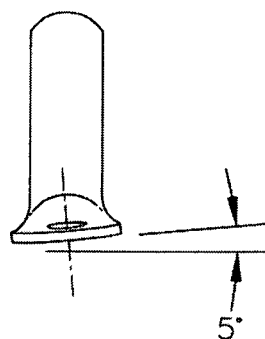
**NOTE:** Date & initial all entries



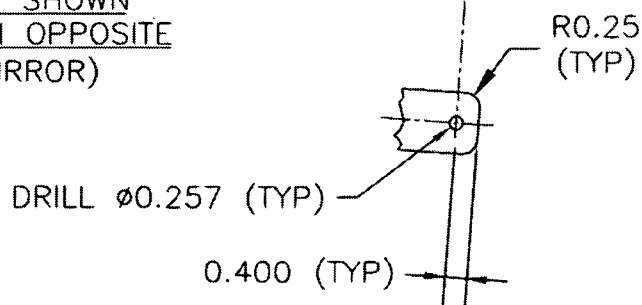
RELEASED  
KE 79.06.10



D2013-3 LH SHOWN  
D2013-4 RH OPPOSITE  
(FOR 212 MIRROR)



VIEW A-A



CUT LENGTH: 23.25 INCHES

MATERIAL: AISI 304/316 SS SEAMLESS TUBE,  
0.750 O.D. x 0.049 WALL



DESIGN	JB	DRAWN BY	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	KE	APPROVED	[Signature]	
DATE	99.06.07	DRAWING NO.	D2013	
TITLE	MIRROR BRACKET	REV. C	SHEET 2 OF 3	SCALE
		NTS		

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

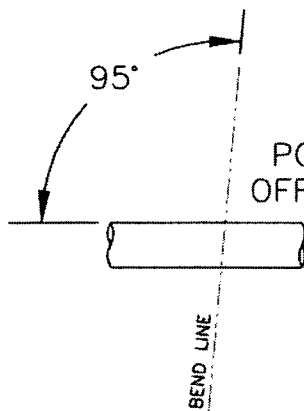
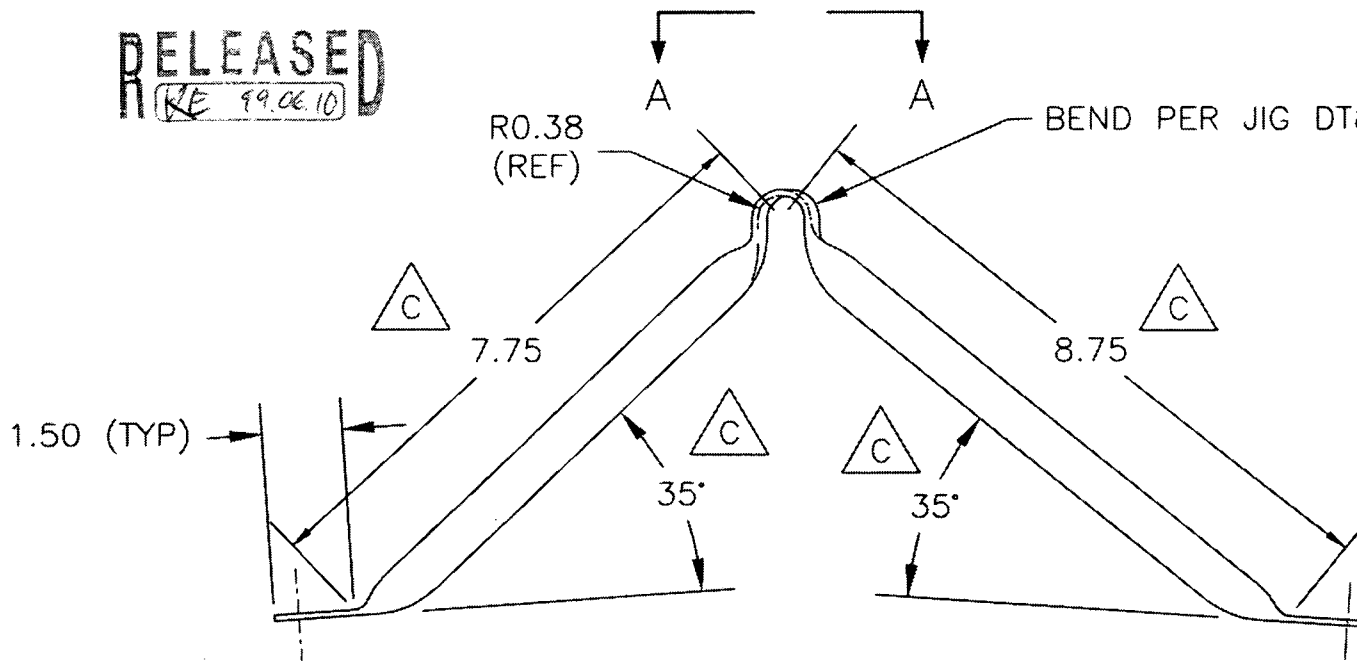
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

RELEASED  
(KE 99.06.10)

SHIP COPY  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER NO. 80574  
HLS  
12/02/23



VIEW A-A

POSITION TUBE  
OFFSET 5° IN JIG

D2013-5 LH SHOWN  
D2013-6 RH OPPOSITE  
(FOR 204 MIRROR)

DRILL  $\emptyset 0.257$  (TYP)  
0.400 (TYP)  
R0.25 (TYP)

CUT LENGTH: 20.75 INCHES

MATERIAL: AISI 304/316 SS SEAMLESS TUBE,  
0.750 O.D. x 0.049 WALL

DESIGN	JB	DRAWN BY	RE	DART AEROSPACE LTD HAMESBURY, ONTARIO, CANADA
CHECKED	KE	APPROVED	RE	DRAWING NO. D2013
DATE	99.06.07	TITLE	MIRROR BRACKET	REV. C SHEET 3 OF 3 SCALE NTS

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries